Rb(Phospho-S807) Conjugated Antibody

Catalog No: #C13345

Package Size: #C13345-AF350 100ul #C13345-AF405 100ul #C13345-AF488 100ul #C13345-AF555 100ul #C13345-AF594 100ul #C13345-AF647 100ul #C13345-AF680 100ul #C13345-AF750 100ul #C13345-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Rb(Phospho-S807) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser380 of human RSK1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	90 kDa ribosomal protein S6 kinase 1 antibody dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1 antibody dJ590P13.1 antibody EC 2.7.11.1 antibody HU 1 antibody HU1 antibody KS6A1_HUMAN antibody MAP kinase activated protein kinase 1a antibody MAP kinase-activated protein kinase 1a antibody MAPK-activated protein kinase 1a antibody MAPKAP kinase 1a antibody MAPKAPK-1a antibody MAPKAPK1A antibody MGC79981 antibody Mitogen-activated protein kinase-activated protein kinase 1A antibody OTTHUMP00000004113 antibody p90 RSK1 antibody p90-RSK 1 antibody p90rsk antibody p90RSK1 antibody p90S6K antibody pp90RSK1 antibody Ribosomal protein S6 kinase 90kD 1 antibody Ribosomal protein S6 kinase 90kD polypeptide 1 antibody Ribosomal protein S6 kinase 90kDa polypeptide 1 antibody Ribosomal protein S6 kinase alpha 1 antibody Ribosomal protein S6 kinase alpha-1 antibody Ribosomal protein S6 kinase polypeptide 1 antibody Ribosomal S6 kinase 1 antibody RPS6K1 alpha antibody rps6ka antibody Rps6ka1 antibody RSK 1 antibody RSK 1 p90 antibody RSK antibody RSK-1 antibody RSK1 antibody S6K alpha 1 antibody S6K-alpha-1 antibody
Accession No.	Swiss-Prot#:Q15418
Uniprot	Q15418
GeneID	6195;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	90
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The family of ribosomal S6 kinases (Rsks), designated Rsk-1, Rsk-2 and Rsk-3, are important signaling intermediates that mediate responses to a broad range of ligand-activated receptor tyrosine kinases. It has been established that Rsk-3 is not activated by MAP kinase in vitro, unlike Rsk-1 and Rsk-2. A unique feature common to the three members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. The Rsk family amino-terminal kinase domain is phosphorylated on Ser 227 by 3-phosphoinositide-dependent protein kinase-1 (PDK1), which increases the kinase activity of Rsk. In the carboxy-terminal kinase domain, Rsk-1 and Rsk-2 are autophosphorylated on Ser 380 and Ser 386, respectively, which mediates the docking of PDK1 to Rsk in order to promote phosphorylation of substrates, such as histone H3.

Note: This product is for in vitro research use only